MULTIMEDIA UNIVERSITY

STUDENT ID NO | | | | | | | | | | |

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2018/2019

DCI1013 – INTERNET APPLICATION

(For FCM-DIPLOMA students only)

04 MARCH 2019
2.30 p.m. – 4.30 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This examination paper consists of **4** pages including the cover page with 2 sections only.
2. **SECTION A:** There are **10** multiple choice questions.
3. **SECTION B:** There are **3** structured questions.
4. Please write all your answers in the Answer Booklet provided.

SECTION A: Multiple Choice Questions (Total: 10 Marks)

Instruction: Please write all your answers in the Answer Booklet provided.

1. What type of language HTML is?

   A. Scripting Language
   B. Programming Language
   C. Network Protocol
   D. Markup Language

2. The first tag that should be in any HTML document is a _____ tag.

   A. <title>
   B. <html>
   C. <head>
   D. <document>

3. The _____ is one of the CSS properties that used for display border around a cell without any content inside.

   A. void-cell
   B. blank-cell
   C. empty-cell
   D. noncontent-cell

4. When was the term – Internet of Things (IoT) first coined?

   A. 1998
   B. 1999
   C. 2000
   D. 2001

5. Which of the followings is being used by the Internet of Things (IoT)?

   A. Cable
   B. Broadband
   C. Satellite
   D. Radio identification technology

6. The _____ can be recognised as the first device of Internet of Things (IoT).

   A. ATM
   B. smart watch
   C. radio
   D. video game

7. These are the features of Internet of Things (IoT) devices, EXCEPT _____.

   A. Programmable
   B. Its database is independent
   C. Remotely controllable
   D. Can turn themselves off if necessary

8. Which of the followings is a point that places the request to access specific data or information.

   A. Server machine
   B. Request machine
   C. Client machine
   D. None of the above

Continued...

9. The pattern of the Internet today is identified as a _____ client-server service, whereas a client using a browser to access online services via a server.

A. vast
B. distributed
C. limited
D. none of the above

10. What it is means by one to many relationship between lecturer and student table?

A. One student may have many lecturers
B. Many students may have many lecturers
C. One lecturer can have many students
D. Many lecturers can have many students

SECTION B: Structured Questions (Total: 30 Marks)

Instruction: Please write all your answers in the Answer Booklet provided.

QUESTION 1 (10 marks)

1.1 Briefly describe what is the Internet? [2 marks]

1.2 What is Cascading Style Sheet (CSS) and why it's used for HTML document? [3 marks]

1.3 What is front-end framework? State THREE common codes used in a front-end framework package. [5 marks]

QUESTION 2 (10 Marks)

2.1 Briefly delineate on how these technologies support the Internet of Things (IoT) devices:

- RFID
- Sensor
- Smart Technology
- Nano Technology [4 marks]

2.2 Communication is the second phase in the IoT lifecycle. Define the process occurred at this phase and give TWO appropriate examples of it. [2 marks]

2.3 List down FOUR type of IoT 'Things' involved in the structure of IoT. [4 marks]

Continued...

QUESTION 3 (10 Marks)

3.1 Describe on how the web works. [2 marks]

3.2 State THREE examples of client's platform. [3 marks]

3.3 What is web stack? Give appropriate software names that can be found in a web stack package. [5 marks]

End of Page.